

Please type a plus sign (+) inside this box → ☐

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL <i>Only for new nonprovisional applications under 37 CFR 1.53(b)</i>	Attorney Docket No.	RDH-0316	Family Number	P2001J013-US2
	First Inventor	Thomas G. Mason		
	Title	DISAGGREGATION OF ASPHALTENES IN INCOMPATIBLE PETROLEUM OIL MIXTURES		
	Express Mail Label No.	EU 8 6 2 9 0 8 9 9 9 U S		

19270 U.S. PTO
10/699232

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Commissioner for Patents Mail Stop: Patent Applications P.O. Box 1450 Alexandria, VA 22313-1450
---	--

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17) *(Submit an original and a duplicate for fee processing)*
2. ☐ Applicant claims small entity status. See 37 CFR 1.27.
3. ☒ Specification *(preferred arrangement set forth below)*

Total Pages

 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113)

Total Sheets
5. ☒ Oath or Declaration

Total Pages

 - a. ☐ Newly executed (original or copy)
 - b. ☒ Copy from a prior application (37 CFR 1.63(d) *(for continuation/divisional with Box 18 completed)*)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
 - a. ☐ Computer Readable Form (CRF)
 - b. ☐ Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers *(cover sheet & document(s))*
10. ☐ 37 CFR 3.73(b) Statement *(when there is an assignee)* ☐ Power of Attorney
11. ☐ English Translation Document *(if applicable)*
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09 / 818,435

Prior application information: Examiner: NADINE G. NORTON Confirmation No. 2059 Group Art Unit: 1764

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. FEE CALCULATION

CLAIMS AS FILED				
(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee \$770.00
Total Claims	<u>15</u> - 20	—	x 18.00	—
Independent Claims	<u>1</u> - 3	—	x 86.00	—
Multiple Dependent Claim Fee			+ 290.00	<u>290.00</u>
TOTAL FILING FEE				<u>\$1060.00</u>

☐ Fee for recording Assignment (\$40.00).

☒ Please charge Deposit Account No. 05-1330 in the amount of \$ 1060.00.

☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 and 1.17 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 05-1330. A duplicate copy of this Form is enclosed.

20. CORRESPONDENCE ADDRESS



27810

PATENT TRADEMARK OFFICE

☒ Customer Number or Bar Code Label

or ☐ Correspondence address below

NAME	RONALD D. HANTMAN				
	ExxonMobil Research and Engineering Company				
ADDRESS	P. O. Box 900				
CITY	Annandale	STATE	New Jersey	ZIP CODE	08801-0900
COUNTRY	United States of America	TELEPHONE	(908) 730-3645	FAX	(908) 730-3649

NAME (PRINT / TYPE)	RONALD D. HANTMAN	REGISTRATION NO. (Attorney / Agent)	27,796
SIGNATURE	<i>Ronald D Hantman</i>	DATE	<u>10/29/03</u>

☒ "Express Mail" mailing label number E U 8 6 2 9 0 8 9 9 9 U S Date of Deposit OCTOBER 31, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Mail Stop: Patent Application, P.O. Box 1450, Alexandria, Virginia 22313-1450.

TERESA L. LACHOWSKI
(Typed or printed name of person mailing paper or fee)

Teresa L. Lachowski
(Signature of person mailing paper or fee)

APPLICATION FOR UNITED STATES PATENT

DISAGGREGATION OF ASPHALTENES IN INCOMPATIBLE
PETROLEUM OIL MIXTURES

Applicants: Thomas G. Mason
Min Yue Lin

CROSS-REFERENCE TO RELATED APPLICATION(S):

This application is a Continuation Under 37 C.F.R. §1.53(b) of U.S.
Serial No. 09/818,435 filed March 27, 2001.

"EXPRESS MAIL" mailing label	
number	<u>E U 8 6 2 9 0 8 9 9 9 U S</u>
Date of Deposit	<u>OCTOBER 31, 2003</u>
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.	
<u>TERESA L. LACHOWSKI</u>	
(Typed or printed name of person mailing paper or fee)	
<u><i>Teresa L. Lachowski</i></u>	
(Signature of person mailing paper or fee)	

CASE NO. RDH-0316

**ExxonMobil Proprietary Information
For Authorized Company Use Only**

U. S. SERIAL NO. 8 1 8 4 3 5

FILED MAR 27 2001

BASED ON: Patent Memorandums 2000 CL54 and 2000 CL55

APPLICANTS: Thomas G. Mason
Min Yue Lin

TITLE: DISAGGREGATION OF ASPHALTENES IN INCOMPATIBLE
PETROLEUM OIL MIXTURES

CASE NO. RDH0006

RDH:jmw
03/12/01

APPLICATION FOR UNITED STATES PATENT

DISAGGREGATION OF ASPHALTENES IN INCOMPATIBLE
PETROLEUM OIL MIXTURES

Applicants: Thomas G. Mason
Min Yue Lin

"EXPRESS MAIL" mailing label	
number	<u>EE732213363US</u>
Date of Deposit	<u>March 27, 2001</u>
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.	
<u>TERESA L. LACHOWSKI</u>	
(Typed or printed name of person mailing paper or fee)	
<u><i>Teresa L. Lachowski</i></u>	
(Signature of person mailing paper or fee)	

CASE NO. RDH0006